

Form PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
1035-00SERIAL NO.  
09/508,042

LIST OF PRIOR ART CITED BY APPLICANT

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Klaus Pawelzik et al.

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL*		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
cmr	AA	5 3 0 7 4 4 4	04/26/94	Eiichi Tsuboka			
cmr	AB	5 4 1 2 1 6 3	05/02/95	Shintaro Tsuji			
cmr	AC	5 6 5 9 6 6 7	08/19/97	Kevin L. Buecher et al.			
	AD						
	AE						
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## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
cmr	AL	WO 90/09644	08/23/90	International			x	
not considered	AM	EP 0 510 632 A2	10/28/92	Europe			x	
	AN	WO 94/20887	09/15/94	International			x	
	AO	WO 95/18420	07/06/95	International			x	
cmr	AP	DE 195 30 646 C1	10/17/96	Germany			Abstract only	

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

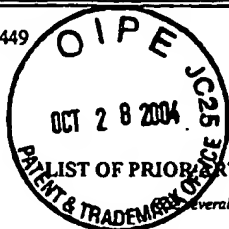
cmr not considered	AR	John Hertz et al., INTRODUCTION TO THE THEORY OF NEURAL COMPUTATION, Addison-Wesley Publishing Company, 1991, Chapter 9 "Unsupervised Competitive Learning"
not considered	AS	G. Pfurtscheller et al., SLEEP CLASSIFICATION IN INFANTS BASED ON ARTIFICIAL NEURAL NETWORKS, Biomedizinische Technik, Band 37, Heft 6/1992, Pages 122 - 130
not considered	AT	Andreas Draeger et al., PRÄDIKTIVE REGELUNG VERFAHRENSTECHNISCHER ANLAGEN MIT NEURONALEN NETZEN, Automatisierungstechnische Praxis 37, 1995, 4, Pages 55 - 61 w/English language summary
		Dietmar Wetzlar, NEURONALE NETZE IN DER MESSTECHNIK, Technisches Messen 62, 1995, 3 w/English language summary
		Achim Bode, NEURONALE KLASSIFIKATOREN IN DER AKUSTISCHEN MUSTERERKENNUNG, Technisches Messen 62, 1995, 3, Pages 88 - 94 w/English language summary
		Stephan Esler, HERZSCHALLANALYSE MIT UNTERSTÜTZUNG ADAPTIVER FILTER UND NEURONALER NETZE, Technisches Messen 62, 1995, 3, Pages 107 - 112 w/English language summary

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AL	DE 195 30 647 C1	01/23/97	Germany			Abstract only	
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AN	DE 195 37 010 A1	04/10/97	Germany			Abstract only	
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## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	Dietmar Gerhardt et al., <u>ATEMMUSTER- UND SCHLAFSTADIENERKENNUNG MIT NEURONALEN NETZEN BEI SAUGLINGEN</u> , <u>Technisches Messen</u> 62, 1995, 3, Pages 113 - 116 w/English language summary
AS	Christel Wisotzki et al., <u>LEHRFAHIGE KLASSIFIKATION VON ZERFALLSREIHEN</u> , <u>Automatisierungstechnik</u> 43, 1995, 2, Pages 70 - 76 w/English language summary
AT	Siegfried Gehlen et al., <u>EINSATZ NEURONALER NETZE ZUR KONTROLLE KOMPLEXER INDUSTRIELLER PROZESSE</u> , <u>Automatisierungstechnik</u> 43, 1995, 3, Pages 45 - 51 w/English language summary
	Hans-Joachim Peters, <u>ANWENDUNG KUNSTLICHER NEURONALER NETZE IN ÜBERWACHUNGSSYSTEMEN</u> , <u>Automatisierungstechnische Praxis</u> 38, 1996, 11, Pages 37 - 38, 40 - 42, 44 - 46, 48 w/English language summary
	Thomas Martinetz et al., <u>NEURONALE NETZE ZUR STEUERUNG VON WALZSTRASSEN</u> , <u>Automatisierungstechnische Praxis</u> 38, 1996, 10, Pages 28, 30 - 32, 34 - 36, 41 - 42 w/English language summary
	Klaus Pawelzik et al., <u>ANNEALED COMPETITION OF EXPERTS FOR A SEGMENTATION AND CLASSIFICATION OF SWITCHING DYNAMICS</u> , <u>Neural Computation</u> 8, Pages 340 - 356, 1996

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C. W. T. H. A. S. A. S.

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<p><i>not considered</i></p> <p><i>not considered</i></p> <p><i>not considered</i></p>	AR	D. Popivanov et al., DETECTION OF SUCCESSIVE CHANGES IN DYNAMICS OF EEG TIME SERIES: LINEAR AND NONLINEAR APPROACH, 18 <sup>th</sup> Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 1996, Pages 1590 - 1591
	AS	J. Pardey et al., A REVIEW OF PARAMETRIC MODELLING TECHNIQUES FOR EEG ANALYSIS, Med. Eng. Phys., Vol. 18, No. 1, Pages 2 - 11, 1996
	AT	Eds. Alex Waibel et al., San Mateo, Morgan Kaufmann, 1990, Pages 267 - 296

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